

**BRANNAN-ANDRUS LEVEE MAINTENANCE DISTRICT**

**Minutes of Thursday, February 9, 2017**

The stated meeting of the Brannan-Andrus Levee Maintenance District’s Board of Directors was called to order at 10:05 by President, Larry Gardiner, on the above cited date at the District Office, 310 Second Street, Isleton, California.

**1. Roll Call.** The following were in attendance:

- Directors: Harvey Correia, Joe Deak, Gay Giles, Larry Gardiner and H. Denis Van De Maele
- Staff: Debbie Phulps, Secretary; Bruce Pisoni, Bookkeeper/Asst. Secretary; Andy Giannini, Superintendent and Gilbert Labrie, Engineer
- Guest: Kirk West, and Eric Chiu of Delta Bay RV Resort / Campground

**2. Agenda Setting.** MSC (Giles / Van De Maele) adopting the Agenda as presented. [MSC = Motion-Second-Carried unanimously unless otherwise noted].

**3. Business**

3.1 Financial - Pisoni.

- A. Bank of Rio Vista statement was provided to Director Giles. Copies of the Balance Sheet and Unpaid Bills Detail were distributed.

Balance Sheet Summary as of meeting date:

Total Checking / Savings. . . . .	\$	614,652.14
Total Accounts Receivable.. . . .	\$	459,585.06
Total Other Current Assets. . . . .	\$	159.79
Total Fixed Assets. . . . .	\$	557,598.95
Total Other Assets. . . . .	\$	5,369.31
Total Assets. . . . .	\$	<u>1,637,365.25</u>
Total Liabilities (all Current). . . . .	\$	269,164.74
Equity. . . . .	\$	<u>1,368,200.51</u>
Total Liabilities and Equity. . . . .	\$	<u>1,637,365.25</u>

- B. The following claims were submitted for payment approval.

Asta Construction . . . . .	698.72	Giles; Gay. . . . .	100.60
AT&T Wireless. . . . .	250.49	Kipfel; Russel. . . . .	2,291.13
Bank of Rio Vista - VISA. . . . .	600.01	Leal; J. . . . .	644.72
CA PERS. . . . .	4,467.05	Pisoni & Associates. . . . .	1,788.82
California Waste Recovery.. . . .	130.90	Ramos Oil.. . . .	921.95
Correia; Harvey. . . . .	100.60	Reclamation Dist. 2067. . . . .	360.00
Deak; Joe. . . . .	100.60	Rio Vista Ford.. . . .	99.90
Dolk Tractor. . . . .	56.23	River Rats. . . . .	75.00
EFTPS (payroll). . . . .	1,959.72	SCI Consulting Group. . . . .	1,800.00
Frontier Communications. . . . .	140.29	Stewart Industrial. . . . .	187.41
Gardiner; Larry. . . . .	665.60	Van De Maele; Austin. . . . .	1,107.51
Giannini; Andy. . . . .	2,324.44	Van De Maele; H. Denis. . . . .	300.60
Gilbert Labrie, AIA. . . . .	31,827.70	Total. . . . .	\$ 52,999.99

**MSC** (Correia / Giles) authorizing payment of the claims by the issuance of one, \$25,000 warrant.

3.2 Secretarial - Phulps. **MSC** (Deak / Giles) approving the minutes of the January 12, 2017 meeting as distributed. Debbie noted that the FY2017-18 Delta Levees Subventions Program application deadline is April 1, 2017, rather than the end of June as in previous years. Subventions budget review and request for action will occur at the March Board meeting.

**4. Guests Addressing the Board.** None.

**5. Reports**

5.1 Superintendent - Giannini. *[Superintendent Giannini departed the meeting following his report.]* Andy

provided an update as to current water conditions, forecasts, levee status and areas being watched. At this point the reclamation districts are conducting a major pumping effort to dewater the islands. Night patrols have commenced. Photo documentation is being preserved for follow-up after the storm. Under the emergency order, barges, material and personnel have been staged at the southern end of Staten. Discussion ensued about roadway cracking near Delta Shores, Rancho Marina and Delta Bay. Gil had Asta go through and vibrate oil-based sand in an attempt to provide some coverage prior to pending storms to lessen moisture penetration.

5.2 Engineer - Labrie. Gil distributed and reviewed his monthly report to the BALMD Board. Discussion or questions occurring during the course of the Report are noted in inset paragraphs:

- A. Levee Investment Strategy (DLIS). This Delta Levee Program financial management study effort has been underway since November 2014. It began as a Delta Stewardship Council (DSC) directed effort to develop an, objective, benefit/cost budgeting methodology relying on flood risk assessments to set funding priorities. That effort is moving towards incorporating recommendations, the methodology and prioritization list, along with backup data, into an updated Delta Plan, thus satisfying a Delta Reform Act requirement. At this juncture in the process the risk analysis methodology and priority list is being described as a "Decision Support Tool" (DST). However, the conclusions that can be drawn using the DST are questionable because there have not been any substantive revisions in the DST, in response to the written criticism generated by Delta stakeholders and transmitted to the DSC and CVFPB. In its December 2016 status report to the DSC, the "consultant team" continued to defend its product, and proceeded to schedule "public information" meetings in Walnut Grove on the 24<sup>th</sup> of this January 2017. The next step is for the DSC to finalize its consultants Delta Risk Reduction Strategy (DRRS) for consideration by the CVFPB to incorporate into the 5-year update of the 2013 Delta Plan and associated regulations.

Because DRSS recommendations regarding Delta levee program funding prioritization will impact Delta Levees Subventions Programs and funding, it is critical that the policies and implementation practices that have made the Program successful be retained and Delta stakeholder input is seriously considered before the Delta Plan update is adopted by the CVFPB. Of course the technical flaws in the methodology and the uncertainties creating holes in the results and island rankings also need to be revised or the DST shelved. Consequently, the CVFCA and LMA engineering firms, along with the assistance of a well-qualified geotechnical engineer are involved in an all out effort to formally comment on the engineering assumptions, policies and recommendations generated by the DLIS consultant, as well as a separate effort assigned to the Delta Protection Commission (DPC) to look at flood protection funding alternatives to ensure that all beneficiaries pay their fair share. The beneficiary pays approach to levee financing and changes in current financial considerations for LMA's are poised to get memorialized in the Delta Plan update and become the guide for future legislative budget decisions.

The CVFCA, with assistance from LMA representatives and stakeholders, has developed alternative Delta Plan update, amendment language for DSC consideration, that strives to address key provisions that directly affect Levee Subventions Program elements. The CVFCA alternative provisions do not suggest changes or alternatives to all the proposed flood chapter amendments, only eight provisions that would significantly alter the flood control policies guiding administration of the Levee Subventions Program. Perhaps the most important policy affecting the program and all LMA's is the importance of treating all Delta islands as a system and the adoption of a minimum standard to bring all levees up to before prioritizing major project expenditures. CVFCA alternative amendments include wording to establish Bulletin 192-82 as the minimum standard.

- B. Subventions Special Project (BA-15-1.0-SP). This major erosion repair project involving Sacramento River levee from Isleton to Cache Slough is covered by an officially approved Work Agreement with DWR. To move forward with project development, DWR approval of a Statement of Work (SOW) was required. That time consuming process led to an approval in October 2016.

Subsequently, an application for an initial advance of \$209,950 was submitted by this office in November 2016. As part of that process the proposed project SOW has undergone further review by CDFW Subventions Program staff to insure compliance with the Districts RMA and facilitate the eventual permit processing of a CDFW 1600 agreement for the final project design. That review process resulted in some modifications to the SOW project information, which have just been accomplished. Once the SOW is approved and the requested advance issued, the project

permitting process will begin in earnest. That will include USACE, CVFPB, the Water Quality Control Board, CDFW, and State Lands.

- C. Recent Special Projects Solicitation. There has been no change in the status of the selection process for the most recent PSP round. An initial ranking based on the points generated from the PSP point system circulated resulted in the BALMD project receiving the highest point score. It is not clear why DWR has resorted to this long delay in making the final selections. It could be that the point system allocation to the projects submitted has been revisited in order to move some projects up into the running or eliminate some projects to free up levee funds for other purposes.
- D. Delta Bay Monitoring. As previously reported, three new inclinometers were installed at this location in early June 2016 to replace the previously installed device that can no longer be read because of the deformation resulting from the levee movement. It was felt that continued monitoring was essential and incorporating additional inclinometers seemed prudent to cover more of the levee reach involved. The new inclinometers have been read six times since then by Raney Geotechnical. During this seven-month period movement has continued to show up in the two new inclinometers installed on either side of the original crown installation and is starting to show up in the inclinometer installed at the levee toe opposite one of the new ones on the levee crown. Additionally, the last reading, taken February 6, 2017, shows a significant increase in shift from the last one-month reading.

Based on concerns generated at the January District meeting this office has taken steps to generate more detailed site topographic data to facilitate the development of engineering alternatives that can be evaluated by Raney Geotechnical for stability review. Because of the most recent inclinometer data revelation, an on-site discussion with John Raney resulted in a potential engineering approach utilizing a drain rock stability berm at the levee toe as a first effort to stabilize the site. The drain rock has a heavier unit weight than dirt and could be placed sooner under the wet weather conditions being experienced. Every effort will be made to get a project ready for bid as soon as possible, but with sufficient geotechnical oversight to provide assurance that levee stability will not be compromised.

- E. 2016-17 Subventions Program. For construction this fall it was recommended, at the September Board meeting that a high priority project for consideration was the repair of some deep erosion scallops along the Isleton river front that were not addressed during the last Sacramento River fall rip-rapping project in 2014. Project construction began before the end of October, focusing first on any deeper in-water rip-rap placement that would be affected by the end of the fish window. The remaining upper-bank protection work, above the ordinary high water line and included in the contract, was completed thereafter. The final project construction cost was \$430,540.84, with two approved change orders to add material for an additional erosion site and for vegetation trimming to facilitate the placement of the rip-rap at some sites west of Isleton.

For potential bidding in the spring of 2017 this office will be preparing bid packages for the revised B&W French drain project and Gardiner drainage blanket and toe ditch removal projects so that construction could get under way for the 2017-18 Subventions cycle.

- F. Flood Watch. The January 2017 weather patterns and precipitation concentrations have resulted in Cosumnes River generated flooding primarily east of Interstate 5 and north of Lambert Road, but east of the former Southern Pacific railroad track support levee, in the north Delta. The later flooding resulted from flood waters to the east coming through drainage structures and downstream tributaries (like Snodgrass Slough in back of east Walnut Grove) backing up and overflowing to the north.

Current weather predictions and DWR stream gauge estimates, coupled with a King tide cycle this week, have shifted the focus of concern for potential levee impacts to the central and south Delta. For the north Delta, the Mokelumne River, which also handles the Cosumnes runoff, is of particular concern. In terms of Brannan-Andrus, previous high water events have involved the Mokelumne River and lower reach of Georgiana Slough. Because of past experience in this area where levee freeboard is less this office recommended to President Gardiner that the District's flood response strategy be activated, which calls for partnering with RD 38 and staging a crane barge and some rock barges in the vicinity, utilizing the mooring dolphins at the bottom of Staten Island, on the South Fork of the Mokelumne River. Consequently, Dutra was contacted and a crane barge and tug were dispatched to that location on Tuesday. Two barges with xxxx tons of DWR-RSP rip-rap arrived Wednesday. Once the emergency situations have passed any unused rip-rap is ultimately

to be available and will be utilized for routine maintenance by either BALMD or RD 38, or both.

According to DWR the peak of the high tide cycle will occur Friday and Saturday, and the next major storm surge is predicted to go through Thursday afternoon and evening. Consequently, the standby crane barge and tug may not be required after Sunday once the potential runoff surge has passed. However, another series of storms is currently predicted to hit the area next Thursday. This office has been and will continue to monitor the situation utilizing the best information available.

## **6. Miscellaneous Business**

6.1 January / February High Water Events. At 0600 On February 7, 2017, President Gardiner issued a Declaration of Local Emergency in response to current and forecasted water and weather conditions with the potential to negatively impact the District's levees and resources. Being the first Board meeting following that action, the Board found that a state of local emergency remains within the District. MSC (Correia / Van De Maele) authorizing Resolution 2017-01 relative to said Declaration.

### Resolution 2017-01 Resolution Proclaiming Existence of a Local Emergency February High Water Event

WHEREAS, the District has been conducting levee patrols and monitoring during these past days of extreme weather and water conditions, with the District's levee system performing as expected and areas of concern involving subsidence, seepage, boils and potential overtopping addressed as situations warrant; and

WHEREAS, the District President and Engineer, monitoring current water and weather conditions, forecasted storm fronts, stream flow rises and the potential negative implications to the District's levees therefrom; and

WHEREAS, the need exists to temporarily allow exceptions to statutorily mandated procedures to facilitate emergency operation; and

WHEREAS, President Gardiner, under powers vested by the District's emergency response policy declared a State of Local Emergency within the District as of 0600, Tuesday, February 7, 2017; and

WHEREAS, the Board of Directors having reviewed the storm and levee status at its regular meeting conducted Thursday, February 9, 2017; and finding that maintaining the state of local emergency still exists and is within the best interests of the District;

NOW THEREFORE, we, the members of the Brannan-Andrus Levee Maintenance District [BALMD] Board of Directors, do hereby ratify the Emergency Declaration enacted on February 7, 2017. Said Declaration to be in full force and effect in the District for the exercise of all necessary emergency authority for protection of the lives and property of the people of this District and the restoration of activities with a minimum of interruption until terminated by resolution of the Board of Directors.

IT IS FURTHER ORDERED that:

1. The Directors hereby authorize appropriate actions to be taken to address the local emergency; and
2. During the existence of said local emergency the powers, functions, and duties of the District shall be those prescribed by the District's Flood Emergency Plan, policies and resolutions, and directives of the President and Incident Commander, Andy Giannini.

[End of Resolution 2017-01]

## **7. Director Reports**

7.1 Correia. Gornto has been doing temporary patches on culverts and old utility pipe crossings during this time of high water. There is a pipe through the levee requiring District follow-up after the storms. Approximate location:

7.2 Deak. Discussion regarding recreational boat traffic during the high water and closing of launch. He inquired whether there was any other means to restrict water traffic. Larry responded as to his efforts regarding large ship traffic to the Port and the restriction now imposed 4 hours either side of the high tide.. No support from Coast Guard regarding small craft.

7.3 Gardiner. Noted restriction at Tyler Island Bridge. The County, fearing for damage to the bridge motors (mounted underneath the bridge) during this high water period, removed the motors from the structure. Greater lead-time is now required to open the bridge for waterway navigation because it has to be done

manually. Such activity may be further restricted to only open for emergency situations. Gil will follow-up with the County as to why the District did not receive notification of this restriction given the current conditions and potential need for emergency response actions involving barges.

**8. Announcements and Recess.** Those present were invited to join the Board for lunch at Pineapple's, 22 Main Street, Isleton following a 20 minute recess.

**9. Call from Recess.** The meeting reconvened at Pineapple's with Gay Giles, Larry Gardiner, Denis Van De Maele, Kirk West, Eric Chiu, Debbie Phulps and Gilbert Labrie in attendance. Discussion ensued regarding weather and water conditions and encroachment issues.

**10. Adjournment.** With no further business to come before the Board, the meeting was adjourned at 1:30 p.m.

Respectfully submitted,

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Debbie Phulps, District Secretary  
DCC Engineering Co., Inc.

Date Approved: March 9, 2017  
MSC: Giles / Van De Maele